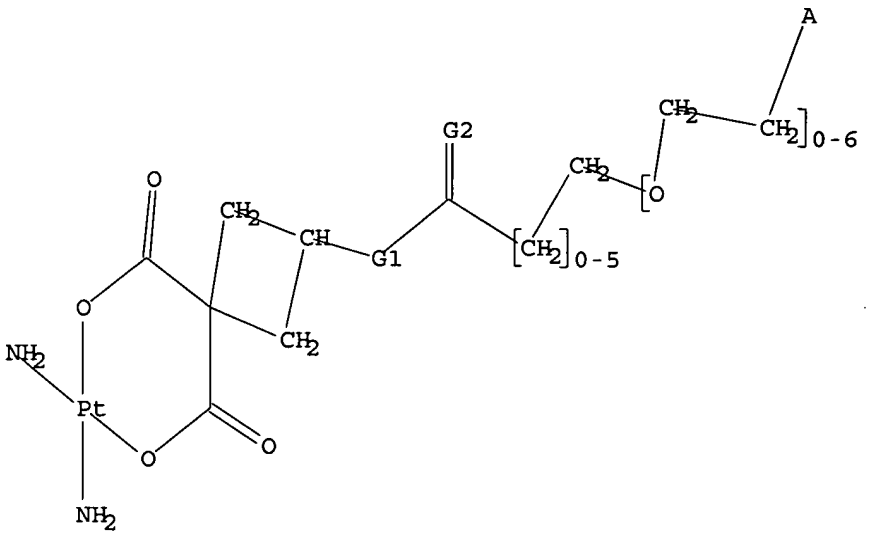
10/549,311

(FILE 'HOME' ENTERED AT 18:48:32 ON 22 MAY 2006)

FILE 'REGISTRY' ENTERED AT 18:49:04 ON 22 MAY 2006
L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 O,NH

G2 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 18:49:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 18:49:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 33 TO ITERATE

100.0% PROCESSED 33 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 166.94 167.15

FILE 'CAPLUS' ENTERED AT 18:49:44 ON 22 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 22 May 2006 VOL 144 ISS 22
FILE LAST UPDATED: 21 May 2006 (20060521/ED)

=> s l3
L4 3 L3

=> d 1-3 bib abs

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:885946 CAPLUS
DN 142:79772
TI Synthesis and Biological Activity of Water-Soluble Maleimide Derivatives of the Anticancer Drug Carboplatin Designed as Albumin-Binding Prodrugs
AU Warnecke, Andre; Fichtner, Iduna; Garmann, Dirk; Jaehde, Ulrich; Kratz, Felix
CS Tumor Biology Center, Freiburg, 79106, Germany
SO Bioconjugate Chemistry (2004), 15(6), 1349-1359
CODEN: BCCHES; ISSN: 1043-1802
PB American Chemical Society
DT Journal
LA English
AB Four platinum(II) complexes were synthesized by reacting either [Pt trans-DACH](NO3)2 with a 6-maleimidocaproic acid, a 15-maleimido-4,7,10,13-tetroxapentadecanoic acid, and a 6-maleimido-4-oxacaproic ester derivative of cyclobutane-1,1-dicarboxylic acid (CBDA) or [Pt(NH3)2](NO3)2 with a 6-maleimido-4-oxacaproic ester derivative of CBDA. Both complexes containing the 6-maleimido-4-oxacaproic ester showed good water solubility (≥8 mg/mL) and CE expts. revealed rapid binding to human serum albumin and the formation of biadducts with dGMP and dAMP. In the MaTu xenograft model in nude mice, both complexes showed an improved antitumor effect at their maximum tolerated dose (2 + 50 mg/kg carboplatin equivalent) compared to therapy with carboplatin at equimolar dose or at its optimal dose (2 + 75 mg/kg).
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2004:800798 CAPLUS
DN 141:288132
TI Protein-binding derivatives of platinum complexes with cyclobutane-1,1-dicarboxylate ligands.
IN Kratz, Felix; Warnecke, Andre
PA KTB Tumorforschungsgesellschaft MbH, Germany
SO Ger. Offen., 13 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10314780	A1	20040930	DE 2003-10314780	20030319
	WO 2004083223	A1	20040930	WO 2004-EP2850	20040318

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

EP 1603930 A1 20051214 EP 2004-721530 20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK

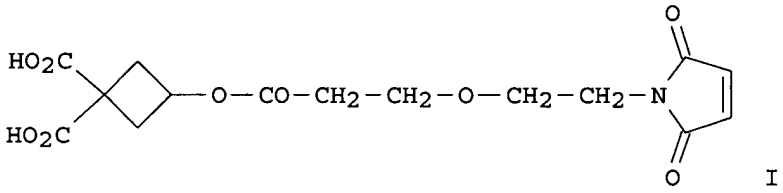
US 2006089341 A1 20060427 US 2005-549311 20050916

PRAI DE 2003-10314780 A 20030319

WO 2004-EP2850 W 20040318

OS MARPAT 141:288132

GI



I

AB The invention concerns low mol. Pt complexes with cyclobutane-1,1-dicarboxylate ligands, which contains a protein-binding group as an antitumor agent for human breast cancer. For example, PtLL1 (H2L = I; L1 = trans-1,2-cyclohexanediamine) was prepared in 61 % yield in a multistep process starting from bis(4-methoxybenzyl)malonate and 1,3-dibromo-2-tert-butyldimethylsiloxypropane. The Pt complexes of cyclobutane-1,1-dicarboxylate having a protein-binding group were tested as antitumor agents for human breast cancer.

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2002:940369 CAPLUS

DN 139:172575

TI General approach to synthesis of carboplatin analog containing fragments of carboxylic fatty acids in acid ligand

AU Pashkovskii, F. S.; Khlebnikova, T. S.; Lakhvich, F. A.

CS Inst. Bioorg. Khim., NAN Belarusi, Belarus

SO Doklady Natsional'noi Akademii Nauk Belarusi (2002), 46(4), 63-65
CODEN: DNABFW; ISSN: 1561-8323

PB Belaruskaya Navuka

DT Journal

LA Russian

OS CASREACT 139:172575

AB A method for synthesis of new carboplatin analogs containing fragments of saturated or unsatd. carboxylic fatty acids in acido ligand was developed. The synthesis of cis-diammine[3-(octadeca-9,12-dieneamido)-1,1-cyclobutanedicarboxylato]platinum(II) was described.